Federal Communications Commission

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January 11, 2006

Pursuant to Public Notice DA 05-3288, released December 22, 2005, the Wireline Competition Bureau hereby files the attached material related to SMS/800 Update 16.3 for inclusion in the record in CC Docket 01-92.

Material Provided by: SMS 800 Management Team (SMT)

Date: December 7, 2005.

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SMS/800

SMS/800®
IntraLATA CIC 0110 Management
Feature Overview
Release 16.3

December 7, 2005

Use of Feature 16.3

- Feature 16.3 is an addition to the SMS/800 database programming that would:

  - Enable LECs to manage intraLATA 1-800 traffic terminating on their networks, and
  - Enable network service providers (i.e., the four RBOCs and Cincinnati Bell) to manage intraLATA 1-800 traffic traveling on their networks.

- LECs and Network Service Providers who wish to take advantage of Feature 16.3 must complete a series of "screens", or electronic forms, in the SMS/800 database.

- Feature 16.3 will also provide informational screens for Resp Orgs, to assist Resp Orgs in obtaining the necessary approvals to create 1-800 customer records.

SMS/800

Screens For LECs That Terminate
1-800 Traffic

- There are three screens for LECs who wish to take advantage of Feature 16.3 to control 1-800 traffic terminating to their POTS numbers. These three screens are referred to as:

  The Operating Company Numbers (OCN) Screen
  The Carrier Intralata Agreements (CLA) Screen
  The Carrier Intralata Exceptions (CLE) Screen

- Unless and until a LEC makes entries in a CLA or a CLE screen, this feature will not be activated.

SMS/800

The OCN Screen

- Any LEC (CLEC or ILEC) that wants to use this aspect of Feature 16.3 must first set up the OCN Screen. The LEC must call the SMS/800 Help Desk and have the Help Desk set up this initial screen.

- The OCN Screen identifies the name of the LEC in the "Entity" field, and then lists all of the LEC's Operating Company Numbers (OCNs).

The CLA Screen

Once a LEC has set up the OCN Screen, the LEC can use the CLA Screen to identify those Resp Orgs that are allowed to route IntraLATA toll-free calls to the LEC's POTS numbers using the CIC 0110.

The CLA Screen (cont.)

- There are three different ways that the LEC can use the CLA screen, each with different results.

    - The LEC can bypass the CLA Screen altogether by not entering any information.

    - The LEC can set up the CLA Screen by entering its own name into the "Entity" field and entering the Resp Org codes for those Resp Orgs that are authorized to route traffic to that LEC's POTS numbers. If the LEC elects this option, only the Resp Orgs identified will be able to establish 1-800 records that terminate on the LEC's POTS numbers using the CIC 0110.

    - The LEC can set up the CLA Screen by entering its own name into the "Entity" field, but without entering any Resp Org codes. If the LEC elects this option, no Resp Orgs will be able to establish 1-800 records that terminate on the LEC's POTS numbers using the CIC 0110.

The CLE Screen

- The LEC can use the CLE Screen to create "exceptions" to its Resp Org authorizations for certain POTS numbers or for certain NPA/NXX codes. For example, the LEC may want to permit Resp Orgs A, B & C to terminate 1-800 traffic to the LEC, but not on the LEC's own office phone numbers. The LEC can use the CLE Screen to identify those POTS number exceptions.

What happens when the LEC has not granted authorization?

- If a Resp Org attempts to create a 1-800 customer record using CIC 0110 to route the call to a POTS number, but the LEC that owns that POTS number has not granted authorization, the 1-800 customer record will not be created.

- SMS/800 database will automatically send the Resp Org an email notifying the Resp Org that the record has failed.

- The Resp Org can use the Informational Screens, as shown on later slides, to identify the terminating LEC and to obtain the LEC's contact information, so that the Resp Org can attempt to obtain the necessary approvals.

Screens for Network Service Providers

- For purposes of Feature 16.3, source data file identifies Network Service Provider as AT&T, BellSouth, Cincinnati Bell, Qwest, or Verizon.

- There are four screens that Network Service Providers can use to manage 1-800 traffic that originates on or traverses their networks:
    The Network Company Codes (NCC) Screen
    The Network IntraLata Agreements (NLA) Screen
    The Network Carrier Exceptions (NLE) Screen
    The Network Carrier Agreements (NCA) Screen

SMS/800

The NCC Screen

- Much as in the case of LEC Screens, any NSP that wants to take advantage of this aspect of Feature 16.3 must begin by establishing an initial screen known as the NCC Screen. The NSP must call the SMS/800 Help Desk and ask the Help Desk to set up the NCC Screen for that NSP.

- The NSP Screen identifies the NSP by name in the CCS Network field, and lists all of the NSP's Company Codes.

The NLA Screen

- An NSP may enter an agreement with a Resp Org that permits the NSP to bill the Resp Org directly for carrying 1-800 traffic. In such a case, the NSP may permit the Resp Org to route intraLATA 1-800 traffic across the NSP's network.

SMS/800

The NLA Screen (cont.)

- There are three different ways that the NSP can use the NLA Screen to manage intraLATA 1-800 traffic traversing the NSP's network:

  - The NSP can bypass the NLA Screen altogether. If the NSP elects this option, the NSP will have no effect on Resp Orgs' ability to route 1-800 traffic over the NSP's network using CIC 0110.

  - The NSP can set up the NLA Screen, without identifying any authorized Resp Orgs. If the NSP elects this option, no Resp Orgs (other than the NSP) will be able to use CIC 0110 to route intraLATA 1-800 traffic across the NSP's network *unless* the terminating LEC is already identified on the NCA Screen.

  - The NSP can set up the NLA Screen, listing the specific Resp Orgs whose intraLATA 1-800 traffic the NSP has agreed to carry. If the NSP elects this option, the identified Resp Orgs will be able to use CIC 0110 to route intraLATA 1-800 traffic, regardless of whether the LEC that owns the terminating POTS number has been identified on the NCA Screen.

The NLE Screen

SMS/800: Network Provider-SCP Owner/Operator IntraLATA Exceptions (NLE)

Action Edit Window Help

CCS Network:

Contact Name: James Q. Doe   Contact Phone: 866-555-1001

Contact Email: JamesQDoe@myemailer.net

POTS Destination Numbers Not Allowed for CIC 0110

201-555-0001	732-555-4567	718-555-0001	718-666	

Messages:

Retrieve   Update   Delete   Clear   Close

- Much like the CLE Screen used by LECs, the NLE Screen enables the NSP to create "exceptions" to its authorizations for certain POTS numbers.

The NCA Screen

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┌─────────────────────────────────────────────────────────────────────────┐
│ ⊞ SMS/800: Network Provider-SCP Owner/Operator Carrier Agreements (NCA) _ ✕ │
├─────────────────────────────────────────────────────────────────────────┤
│ Action  Edit  Window  Help                                                │
├─────────────────────────────────────────────────────────────────────────┤
│ CCS Network:                                                              │
│                                                                           │
│  Contact Name:  │ James Q. Doe              │   Contact Phone: │ 866-555-1001 │ │
│  Contact Email: │ JamesQDoe@myemailer.net          │                       │
│                    OCNs with intraLATA Agreements for CIC 0110            │
│          ┌──────┬──────┬──────┬──────┬──────┬──────┬──────┬──────┬──────┬──────┐ │
│          │ 0001 │ 0002 │ 0003 │ 0004 │ 0005 │ A440 │ B022 │ C011 │HHH01 │I550 │ │
│          ├──────┼──────┼──────┼──────┼──────┼──────┼──────┼──────┼──────┼──────┤ │
│          │      │      │      │      │      │      │      │      │      │      │ │
│          └──────┴──────┴──────┴──────┴──────┴──────┴──────┴──────┴──────┴──────┘ │
│                                                                           │
│  Messages:  │                                                       │     │
│             │                                                       │     │
├─────────────────────────────────────────────────────────────────────────┤
│ │ Retrieve │ │ Update │ │ Delete │              │ Clear │  │ Close │      │
└─────────────────────────────────────────────────────────────────────────┘
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- An NSP can use the NCA Screen to identify those terminating LECs to whom the NSP has agreed to route intraLATA 1-800 traffic. The NSP identifies authorized LECs using the LECs' Operating Company Numbers (OCNs).

- Note that the NSP need grant only one authorization on either the NCA Screen *or* NLA Screen for the 1-800 customer record to be created.

The NCA Screen (cont.)

- There are different ways that an NSP can use the NCA Screen, each with different results:

  - The NSP can bypass the NCA Screen altogether.

  - The NSP can set up the NCA Screen, without listing the OCNs of any terminating LECs. If the NSP elects this option, no Resp Orgs will be able to use CIC 0110 to route intraLATA 1-800 traffic across the NSP's network to that terminating LEC. Only the NSP itself will be able to use CIC 0110 to route intraLATA 1-800 traffic across the network.

  - The NSP can set up the NCA Screen, listing the specific OCNs of those terminating LECs with which the NSP has business arrangements, such that the NSP has agreed to route 1-800 traffic to those LECs. If the NSP elects this option, Resp Orgs will be able to use CIC 0110 to route intraLATA 1-800 traffic to POTS numbers belonging to the identified LECs.

What happens when the NSP has not granted authorization?

- If a Resp Org attempts to create a 1-800 customer record using 0110 CIC to route the call to a POTS number, but neither the terminating LEC *nor* the Resp Org have been granted authorization, the 1-800 customer record will not be created.

- SMS/800 database will automatically send the Resp Org an email notifying the Resp Org that the record has failed.

- The Resp Org can use the Informational Screens, following, to identify the terminating LEC and the NSP, so that the Resp Org can attempt to obtain one of the necessary approvals.

Informational Screens
for Resp Orgs

- Feature 16.3 will also include an expansion of certain informational screens, such that Resp Orgs will be able to identify the relevant parties for obtaining the necessary approvals.

NXL Informational Screen

Action Edit Window Help

NPA : 701   NXX : 222

LATA	OCN	CO	Eff Date	Status
638	9631	31	4/10/86	Active

Messages: Ready to enter data. (09017)

Retrieve   Add   Change   Delete   Clear   Close

• The Resp Org can go to what is known as the "NXL Screen" and type in the POTS number to which the Resp Org wants to route intraLATA 1-800 traffic.

NXL Informational Screen (cont.)

LATA	OCN	CO	Eff Date	Status
638	9631	31	4/10/86	Active

- For any inserted POTS number, the screen will display information from the most recent Terminating Point Master ("TPM"), which is issued monthly. The screen will identify the LATA where the POTS number resides, the Operating Company Number of the LEC that serves that POTS number, and the Company Code of the NSP that serves that POTS number.

- If, due to LNP or other issues, the OCN is not accurate, the terminating carrier can authorize the Resp Org to route traffic to the number using a separate validation list.

- The Resp Org can use the SMS/800 database to look up the contact information for the LEC and the NSP, so that the Resp Org can pursue the necessary approvals.